

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (i))	18 -20* =	0	x \$ <u>18.00</u> =	\$
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	2 -3** =	0	x \$ <u>84.00</u> =	
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))				+\$ <u> </u> =
					BASIC FEE (37 CFR 1.16)
					740.00
					Total of above Calculations = \$740.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.27).				
	* Reissue claims in excess of 20 and over original patent. ** Reissue independent claims over original patent.				TOTAL = \$740.00

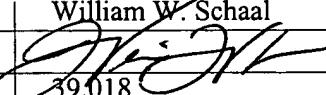
6. Small entity status: Applicant claims small entity status. See 37 CFR 1.27.
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. - 02 2666:
 - a. Fees required under 37 CFR 1.16.
 - b. Fees required under 37 CFR 1.17.
 - c. Fees required under 37 CFR 1.18.
8. A check in the amount of \$740.00 is enclosed.
9. Payment by credit card. Form PTO-2038 is attached.
10. Applicant requests suspension of action under 37 CFR 1.103(b) for a period of _____ months (not to exceed 3 months) and the fee under 37 CFR 1.17(i) enclosed.
11. New Attorney Docket Number, if desired
[Prior application Attorney Docket Number will carryover to this CPA unless a new Attorney Docket Number has been provided herein.]
12. a. Receipt for Facsimile Transmitted CPA (PTO/SB/29A)
b. Return Receipt Postcard (Should be specifically itemized, See MPEP 503)
13. Other: 1 Month Extension of Time Request and \$110.00 fee.

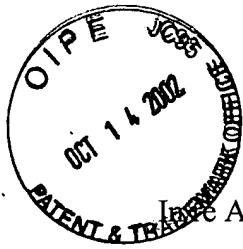
NOTE: *The prior application's correspondence address will carry over to this CPA UNLESS a new correspondence address is provided below.*

10. NEW CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number of Bar Code Label	 *08791*	<input type="checkbox"/> Correspondence address
Name		
Address		
City	State	Zip Code
Country	Telephone	Fax

15. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME (Print/Type)	William W. Schaal
SIGNATURE	
Registration No. (Attorney/Agent)	39,018
DATE	October 14, 2002



Docket No.: 42390P6729

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Take Application of:

Rosenberg, et al.

Application No.: 09/540,166

Filed: March 31, 2000

For: System and Method for Refreshing
Imaging Devices or Displays on a
Page-Level Basis

Examiner: Vincent E. Kovalick

Art Group: 2673

RECEIVED

OCT 16 2002

Technology Center 2600

BOX CPA
Assistant Commissioner for Patents
Washington, DC 20231-9998

Sir:

Please amend the above-identified Application as follows:

IN THE CLAIMS

Following is a complete set of claims as amended with this Response. This complete set of claims includes amended claim 3, as well as new claims 23 and 24.

3. (Twice Amended) A system to refresh a display, the system comprising:
a memory to store images of an image frame in a plurality of memory pages;
a processor to perform drawing operations to generate the images for the image frame,
the processor marking memory pages corresponding to regions of the image frame that have
been updated while performing the drawing operations; and
a display controller in communication with the memory to access the image frame and to
send only the marked memory pages of the image frame to the display to refresh the display.